

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031624\
 Data File : PL088645.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Mar 2024 16:16
 Operator : AR\AJ
 Sample : PB159611BSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB159611BSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/18/2024
 Supervised By :Ankita Jodhani 03/18/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 15 21:53:09 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031324.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 13 15:45:55 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.634	2.852	55298494	26585041	20.868	19.948
28)	SA Decachlor...	9.302	8.082	46804301	27238516	18.934	20.089
Target Compounds							
2)	A alpha-BHC	4.099	3.366	198.8E6	94209109	49.793	46.883
3)	MA gamma-BHC...	4.437	3.703	188.3E6	88921544	48.566	46.335
4)	MA Heptachlor	5.038	4.051	189.7E6	87391624	49.960	48.558
5)	MB Aldrin	5.386	4.336	176.3E6	84145166	48.109	46.564
6)	B beta-BHC	4.635	4.004	85792043	39668356	48.376	46.274
7)	B delta-BHC	4.887	4.239	184.2E6	84837698	45.721	44.346
8)	B Heptachlo...	5.817	4.847	168.4E6	77275814	49.034	46.990
9)	A Endosulfan I	6.208	5.224	151.7E6	72715231	49.632	48.372
10)	B gamma-Chl...	6.077	5.102	171.3E6	80856864	51.419	48.817
11)	B alpha-Chl...	6.157	5.167	167.8E6	80361428	50.468	48.412
12)	B 4,4'-DDE	6.332	5.360	148.7E6	71638215	49.769	49.115
13)	MA Dieldrin	6.487	5.493	160.9E6	78047265	49.614	48.054
14)	MA Endrin	6.719	5.772	133.0E6	69562461	48.644	48.259
15)	B Endosulfa...	6.940	6.070	140.6E6	68818553	49.105	47.861
16)	A 4,4'-DDD	6.855	5.922	126.0E6	61127370	49.486	49.084
17)	MA 4,4'-DDT	7.173	6.177	133.7E6	64493870	50.166	48.051
18)	B Endrin al...	7.071	6.252	107.4E6	53477814	51.457m	51.031
19)	B Endosulfa...	7.309	6.477	135.1E6	66829573	48.933	48.168
20)	A Methoxychlor	7.654	6.760	71209803	37395746	47.268	46.624
21)	B Endrin ke...	7.800	6.990	145.6E6	79482594	49.266	48.151
22)	Mirex	8.282	7.176	114.1E6	63686741	48.680	47.230

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031624\
Data File : PL088645.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Mar 2024 16:16
Operator : AR\AJ
Sample : PB159611BSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB159611BSD

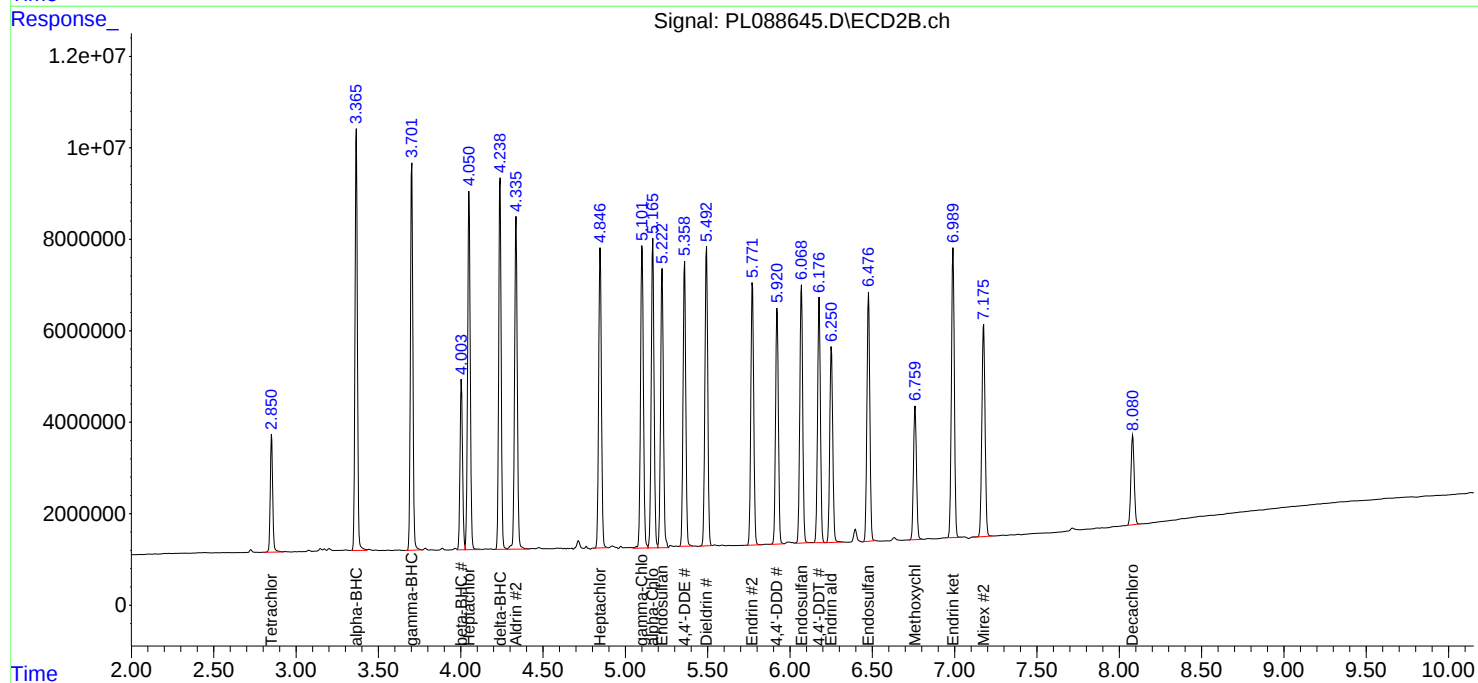
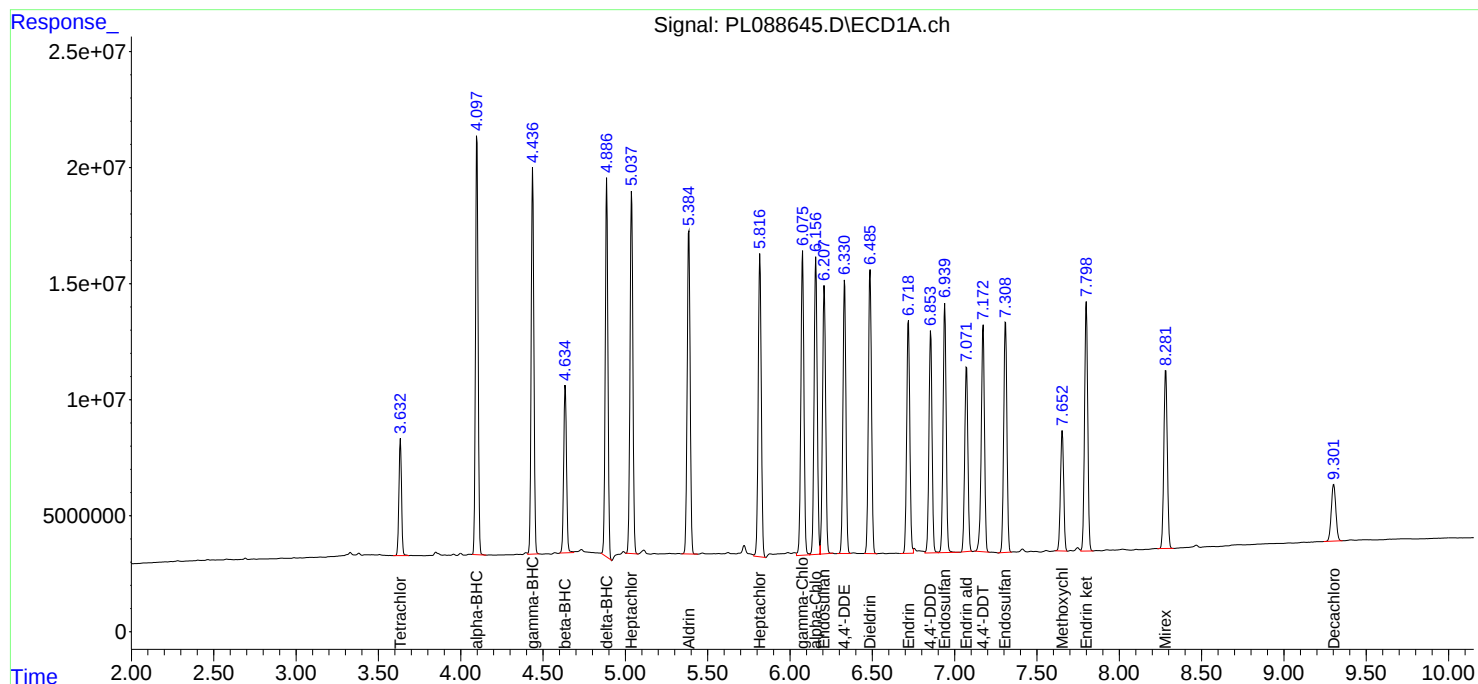
Manual Integrations

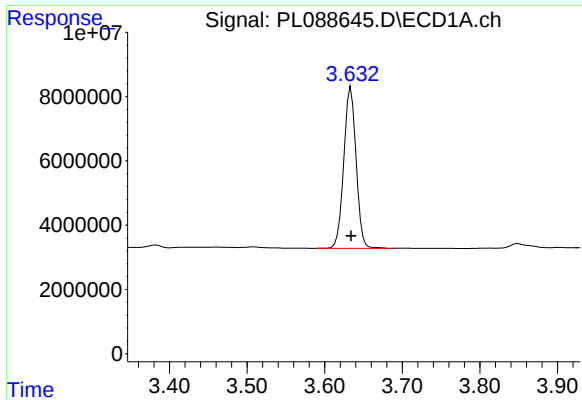
APPROVED

Reviewed By :Abdul Mirza 03/18/2024
Supervised By :Ankita Jodhani 03/18/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 15 21:53:09 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031324.M
Quant Title : GC Extractables
QLast Update : Wed Mar 13 15:45:55 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





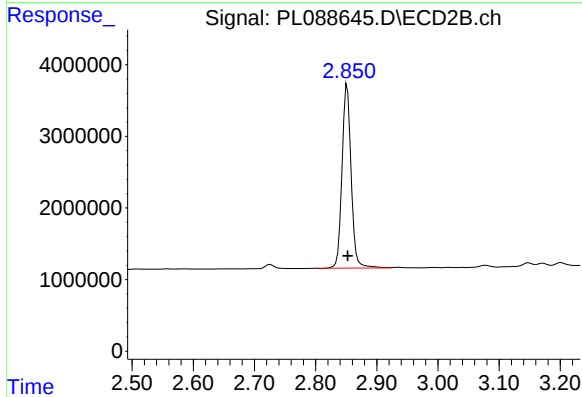
#1 Tetrachloro-m-xylene

R.T.: 3.634 min
Delta R.T.: 0.000 min
Response: 55298494
Conc: 20.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159611BSD

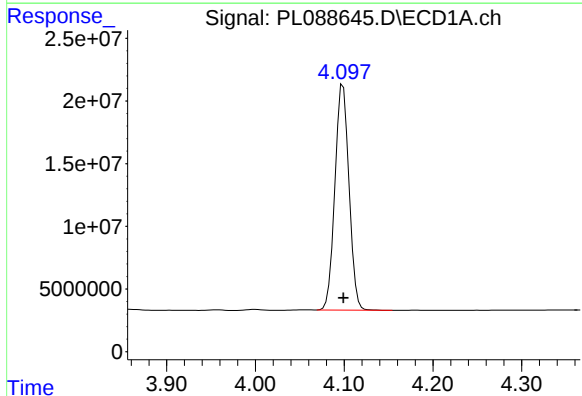
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/18/2024
Supervised By :Ankita Jodhani 03/18/2024



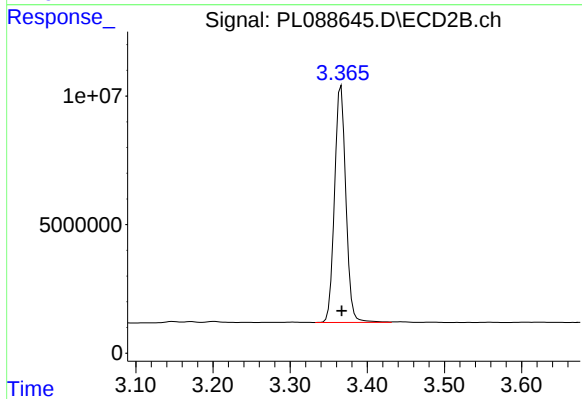
#1 Tetrachloro-m-xylene

R.T.: 2.852 min
Delta R.T.: 0.000 min
Response: 26585041
Conc: 19.95 ng/ml



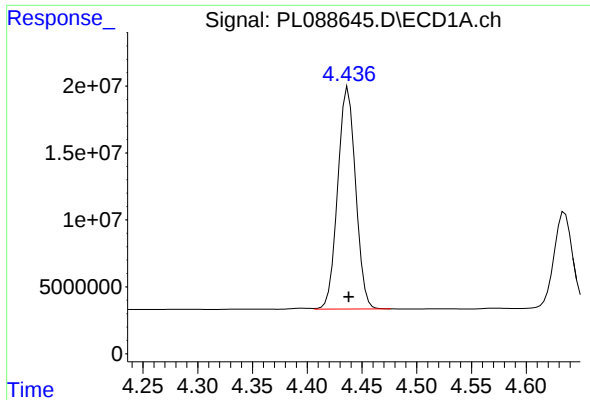
#2 alpha-BHC

R.T.: 4.099 min
Delta R.T.: 0.000 min
Response: 198757619
Conc: 49.79 ng/ml



#2 alpha-BHC

R.T.: 3.366 min
Delta R.T.: 0.000 min
Response: 94209109
Conc: 46.88 ng/ml



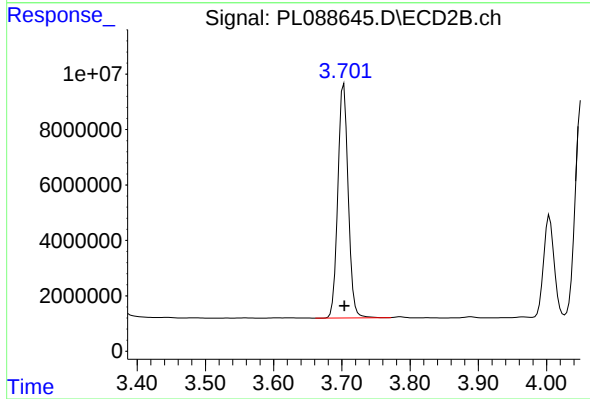
#3 gamma-BHC (Lindane)

R.T.: 4.437 min
Delta R.T.: 0.000 min
Response: 188349611
Conc: 48.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159611BSD

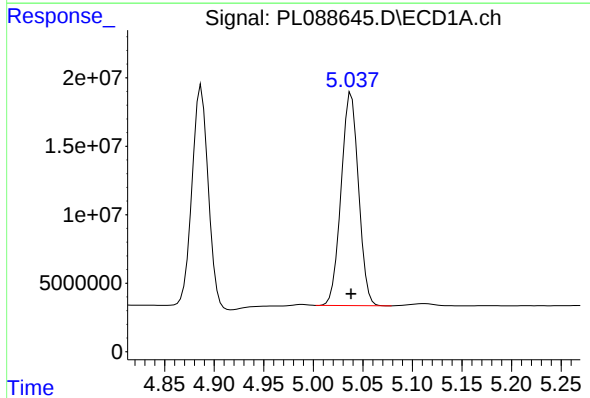
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/18/2024
Supervised By :Ankita Jodhani 03/18/2024



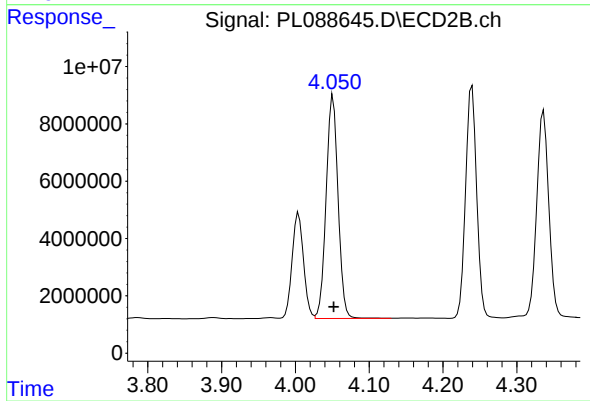
#3 gamma-BHC (Lindane)

R.T.: 3.703 min
Delta R.T.: 0.000 min
Response: 88921544
Conc: 46.33 ng/ml



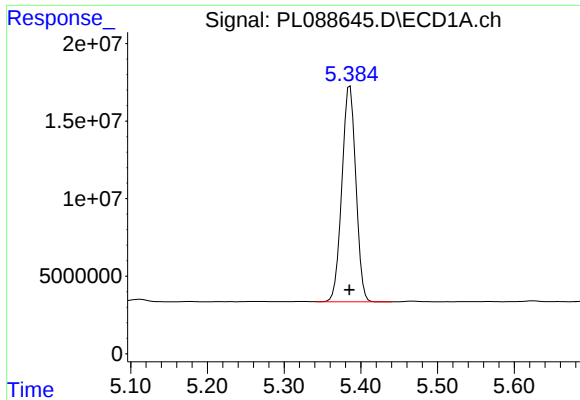
#4 Heptachlor

R.T.: 5.038 min
Delta R.T.: 0.000 min
Response: 189719959
Conc: 49.96 ng/ml



#4 Heptachlor

R.T.: 4.051 min
Delta R.T.: -0.001 min
Response: 87391624
Conc: 48.56 ng/ml



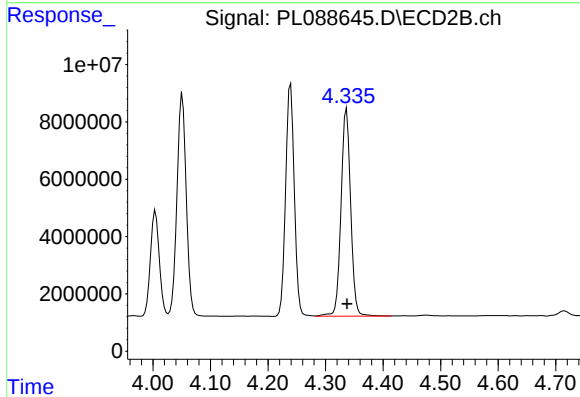
#5 Aldrin

R.T.: 5.386 min
Delta R.T.: 0.000 min
Response: 176293092
Conc: 48.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159611BSD

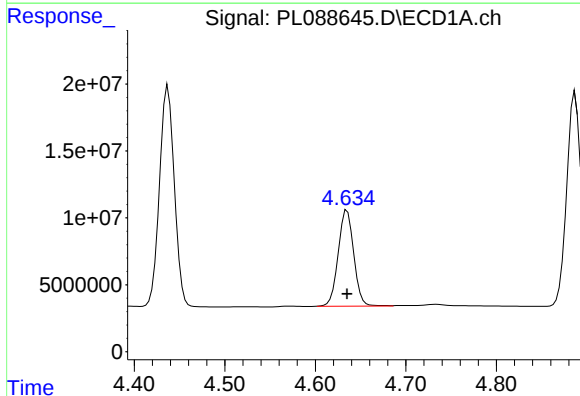
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/18/2024
Supervised By :Ankita Jodhani 03/18/2024



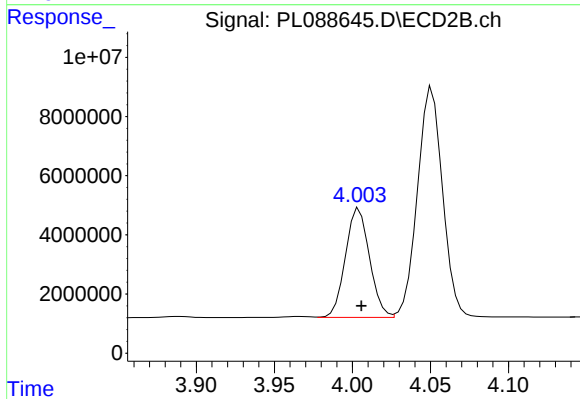
#5 Aldrin

R.T.: 4.336 min
Delta R.T.: -0.001 min
Response: 84145166
Conc: 46.56 ng/ml



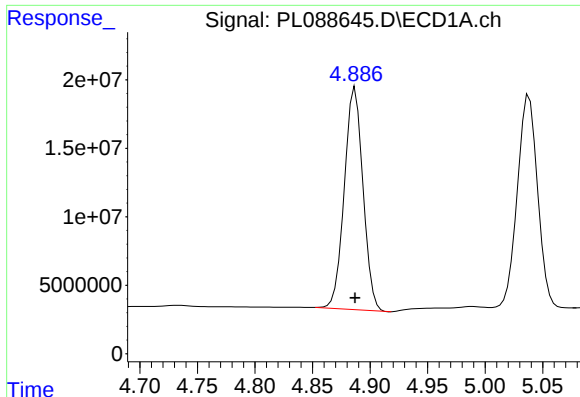
#6 beta-BHC

R.T.: 4.635 min
Delta R.T.: 0.000 min
Response: 85792043
Conc: 48.38 ng/ml



#6 beta-BHC

R.T.: 4.004 min
Delta R.T.: -0.001 min
Response: 39668356
Conc: 46.27 ng/ml



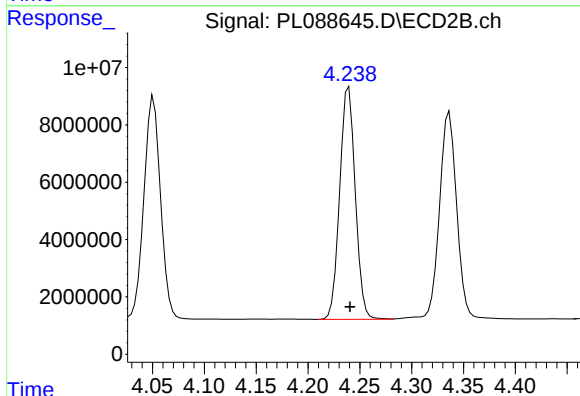
#7 delta-BHC

R.T.: 4.887 min
Delta R.T.: 0.000 min
Response: 184171365
Conc: 45.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159611BSD

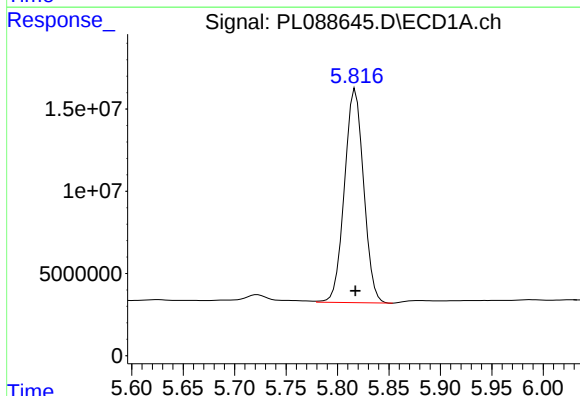
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/18/2024
Supervised By :Ankita Jodhani 03/18/2024



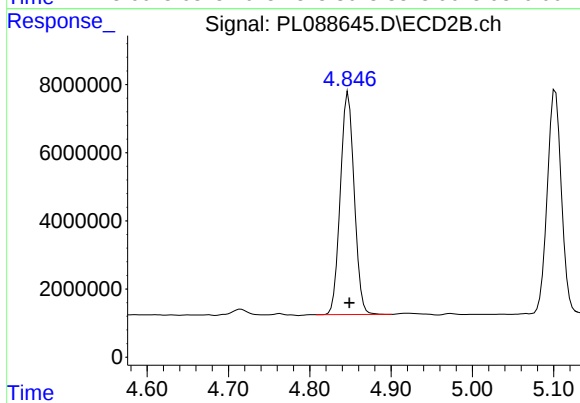
#7 delta-BHC

R.T.: 4.239 min
Delta R.T.: -0.001 min
Response: 84837698
Conc: 44.35 ng/ml



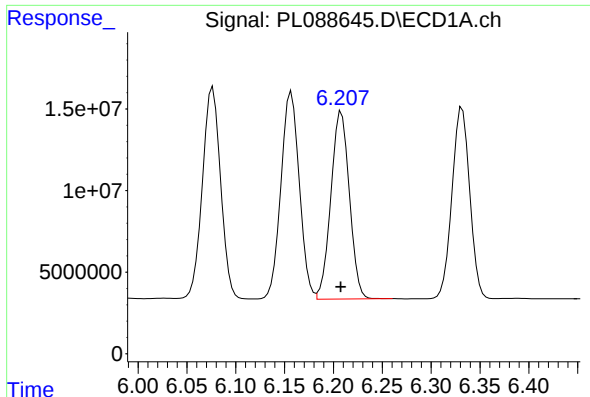
#8 Heptachlor epoxide

R.T.: 5.817 min
Delta R.T.: 0.000 min
Response: 168430135
Conc: 49.03 ng/ml



#8 Heptachlor epoxide

R.T.: 4.847 min
Delta R.T.: -0.002 min
Response: 77275814
Conc: 46.99 ng/ml



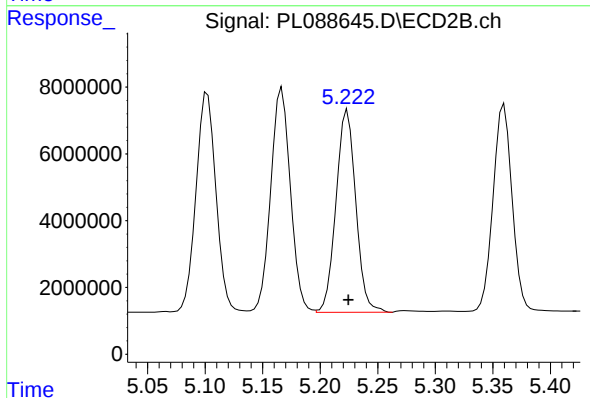
#9 Endosulfan I

R.T.: 6.208 min
Delta R.T.: 0.000 min
Response: 151698610
Conc: 49.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159611BSD

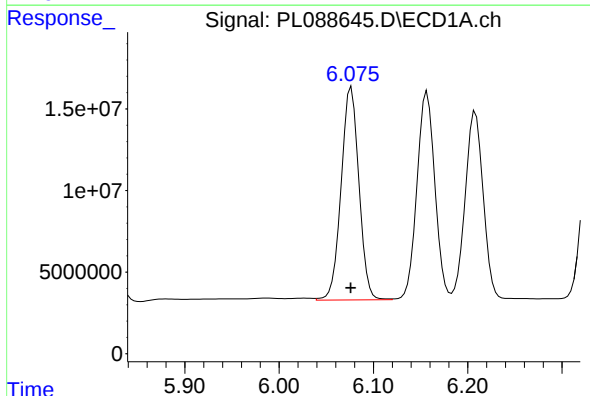
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/18/2024
Supervised By :Ankita Jodhani 03/18/2024



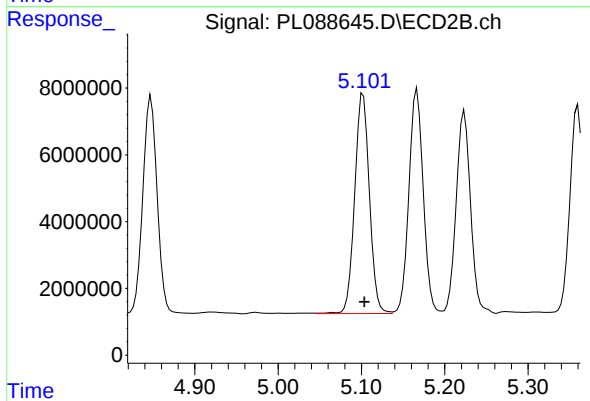
#9 Endosulfan I

R.T.: 5.224 min
Delta R.T.: 0.000 min
Response: 72715231
Conc: 48.37 ng/ml



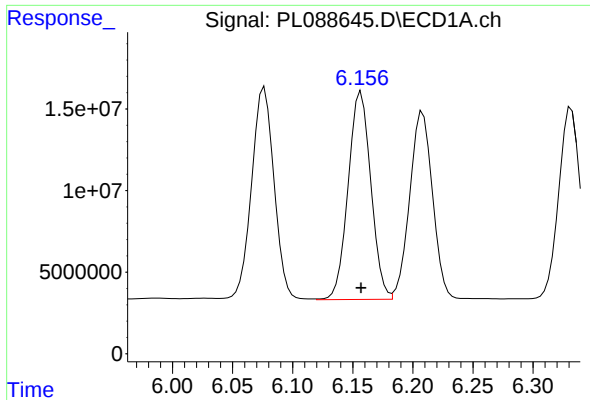
#10 gamma-Chlordane

R.T.: 6.077 min
Delta R.T.: 0.000 min
Response: 171267776
Conc: 51.42 ng/ml



#10 gamma-Chlordane

R.T.: 5.102 min
Delta R.T.: -0.001 min
Response: 80856864
Conc: 48.82 ng/ml



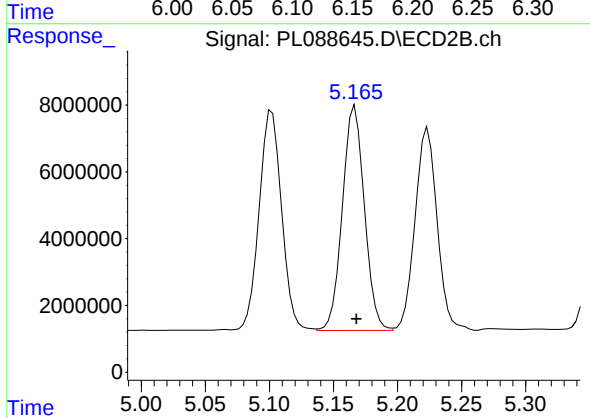
#11 alpha-Chlordane

R.T.: 6.157 min
Delta R.T.: 0.000 min
Response: 167758455
Conc: 50.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159611BSD

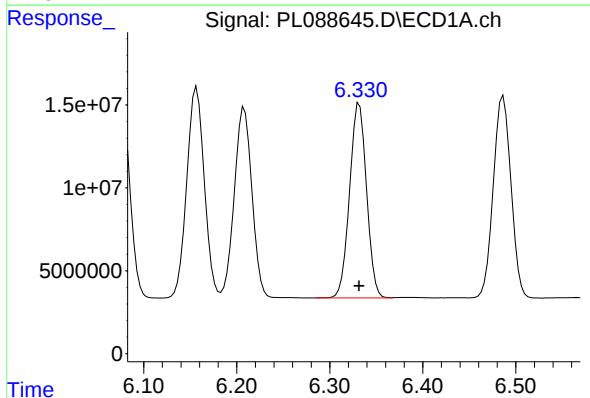
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/18/2024
Supervised By :Ankita Jodhani 03/18/2024



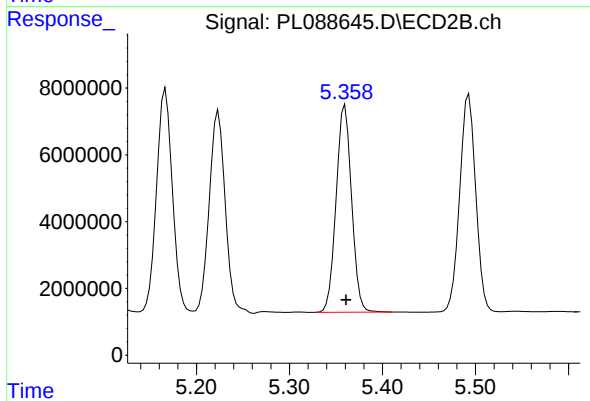
#11 alpha-Chlordane

R.T.: 5.167 min
Delta R.T.: -0.001 min
Response: 80361428
Conc: 48.41 ng/ml



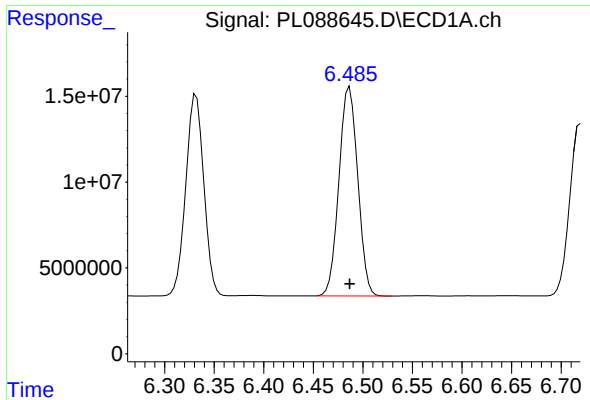
#12 4,4'-DDE

R.T.: 6.332 min
Delta R.T.: 0.000 min
Response: 148694718
Conc: 49.77 ng/ml



#12 4,4'-DDE

R.T.: 5.360 min
Delta R.T.: -0.001 min
Response: 71638215
Conc: 49.11 ng/ml



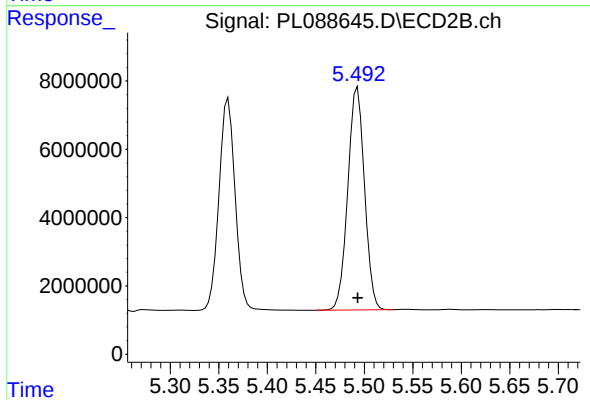
#13 Dieldrin

R.T.: 6.487 min
Delta R.T.: 0.000 min
Response: 160880749
Conc: 49.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159611BSD

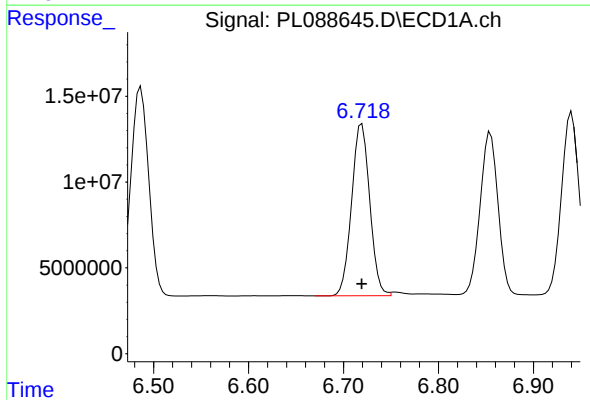
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/18/2024
Supervised By :Ankita Jodhani 03/18/2024



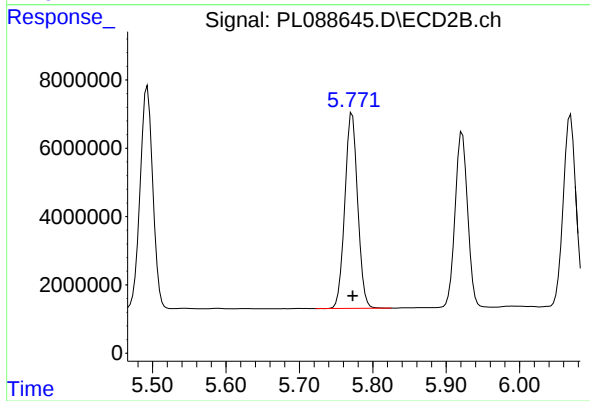
#13 Dieldrin

R.T.: 5.493 min
Delta R.T.: 0.000 min
Response: 78047265
Conc: 48.05 ng/ml



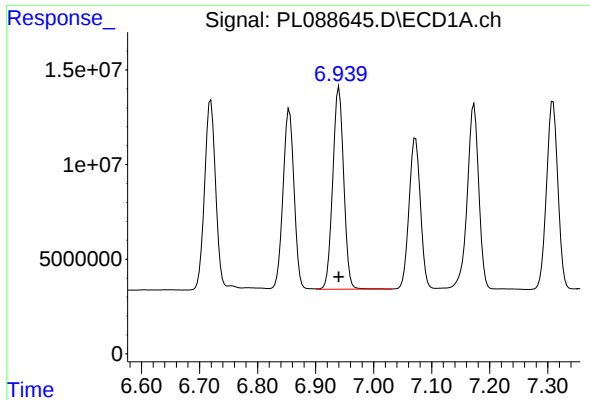
#14 Endrin

R.T.: 6.719 min
Delta R.T.: 0.000 min
Response: 132978026
Conc: 48.64 ng/ml



#14 Endrin

R.T.: 5.772 min
Delta R.T.: 0.000 min
Response: 69562461
Conc: 48.26 ng/ml



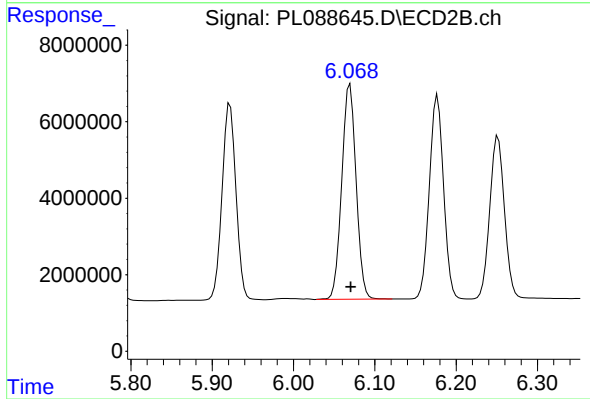
#15 Endosulfan II

R.T.: 6.940 min
Delta R.T.: 0.000 min
Response: 140646213
Conc: 49.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159611BSD

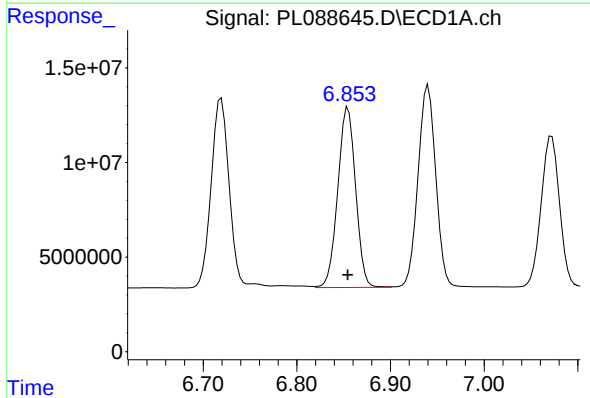
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/18/2024
Supervised By :Ankita Jodhani 03/18/2024



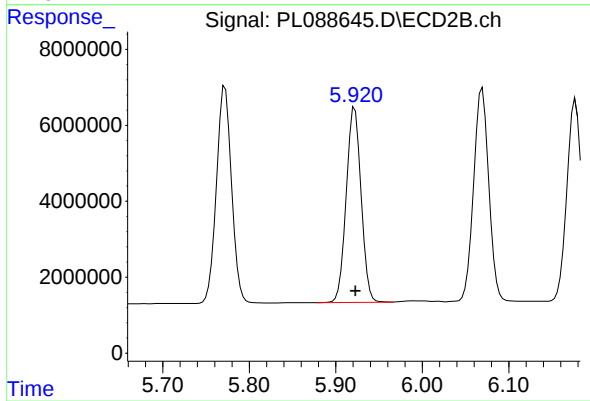
#15 Endosulfan II

R.T.: 6.070 min
Delta R.T.: 0.000 min
Response: 68818553
Conc: 47.86 ng/ml



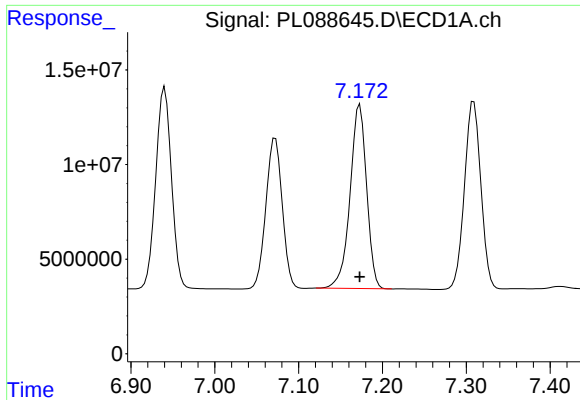
#16 4,4'-DDD

R.T.: 6.855 min
Delta R.T.: 0.000 min
Response: 126027974
Conc: 49.49 ng/ml



#16 4,4'-DDD

R.T.: 5.922 min
Delta R.T.: 0.000 min
Response: 61127370
Conc: 49.08 ng/ml



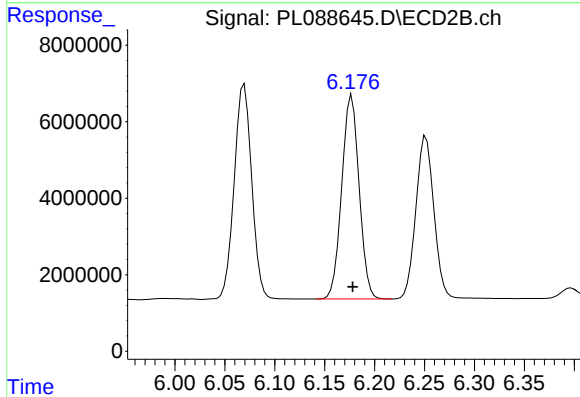
#17 4,4'-DDT

R.T.: 7.173 min
Delta R.T.: 0.000 min
Response: 133715097
Conc: 50.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159611BSD

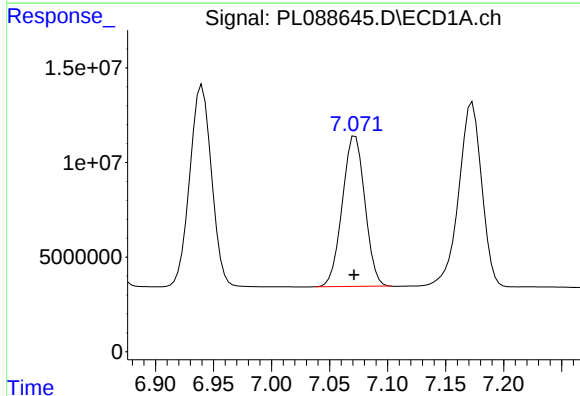
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/18/2024
Supervised By :Ankita Jodhani 03/18/2024



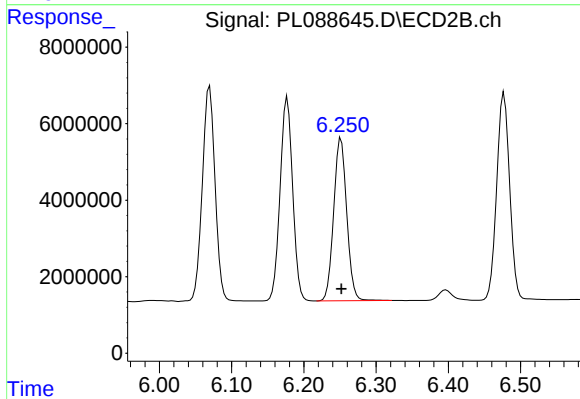
#17 4,4'-DDT

R.T.: 6.177 min
Delta R.T.: 0.000 min
Response: 64493870
Conc: 48.05 ng/ml



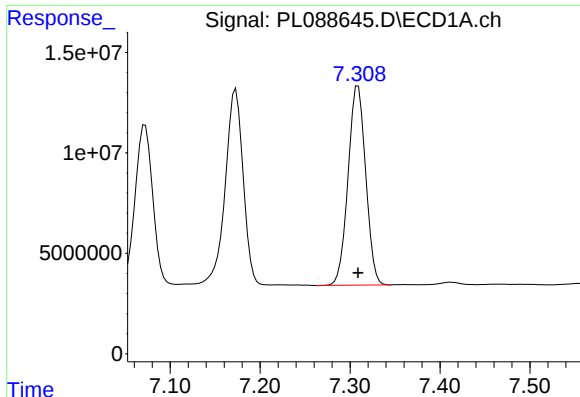
#18 Endrin aldehyde

R.T.: 7.071 min
Delta R.T.: 0.000 min
Response: 107432884
Conc: 51.46 ng/ml m



#18 Endrin aldehyde

R.T.: 6.252 min
Delta R.T.: 0.000 min
Response: 53477814
Conc: 51.03 ng/ml



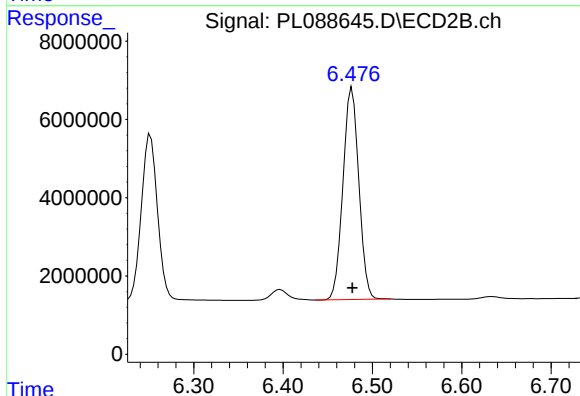
#19 Endosulfan Sulfate

R.T.: 7.309 min
Delta R.T.: 0.000 min
Response: 135118215
Conc: 48.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159611BSD

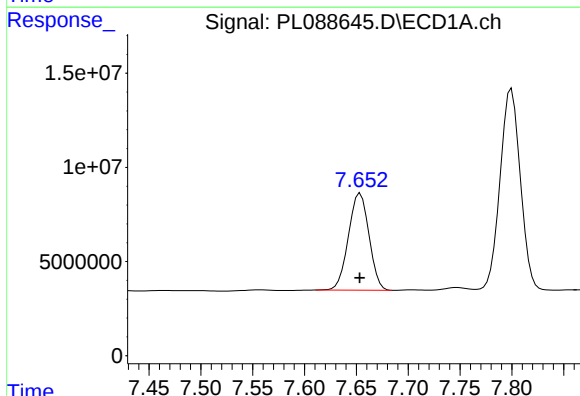
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/18/2024
Supervised By :Ankita Jodhani 03/18/2024



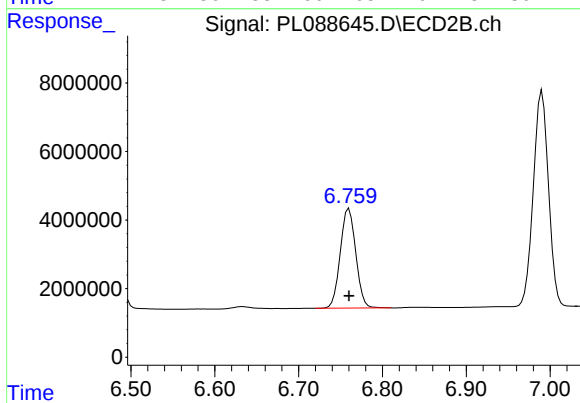
#19 Endosulfan Sulfate

R.T.: 6.477 min
Delta R.T.: 0.000 min
Response: 66829573
Conc: 48.17 ng/ml



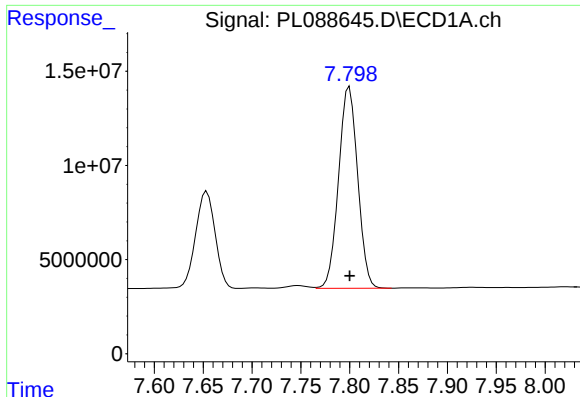
#20 Methoxychlor

R.T.: 7.654 min
Delta R.T.: 0.000 min
Response: 71209803
Conc: 47.27 ng/ml



#20 Methoxychlor

R.T.: 6.760 min
Delta R.T.: 0.000 min
Response: 37395746
Conc: 46.62 ng/ml



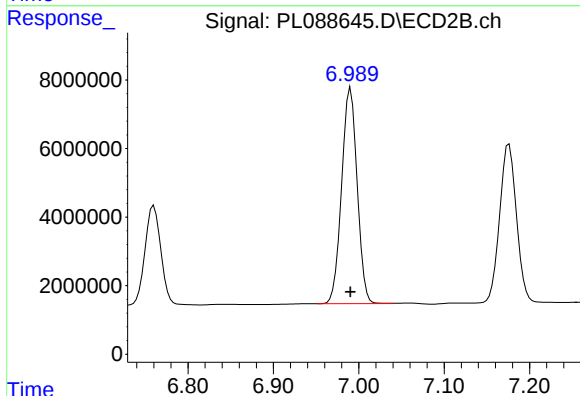
#21 Endrin ketone

R.T.: 7.800 min
Delta R.T.: 0.000 min
Response: 145648958
Conc: 49.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159611BSD

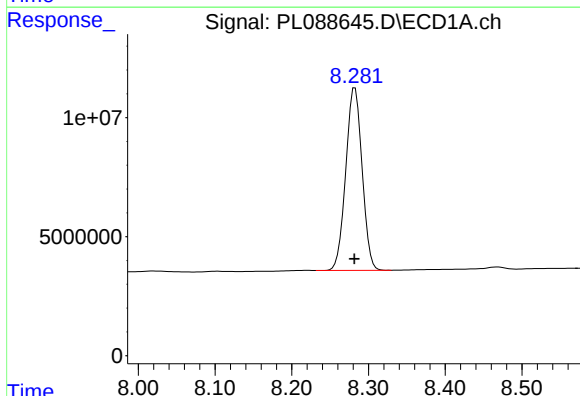
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/18/2024
Supervised By :Ankita Jodhani 03/18/2024



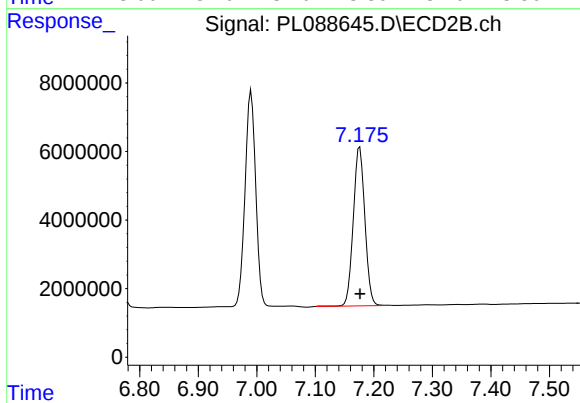
#21 Endrin ketone

R.T.: 6.990 min
Delta R.T.: 0.000 min
Response: 79482594
Conc: 48.15 ng/ml



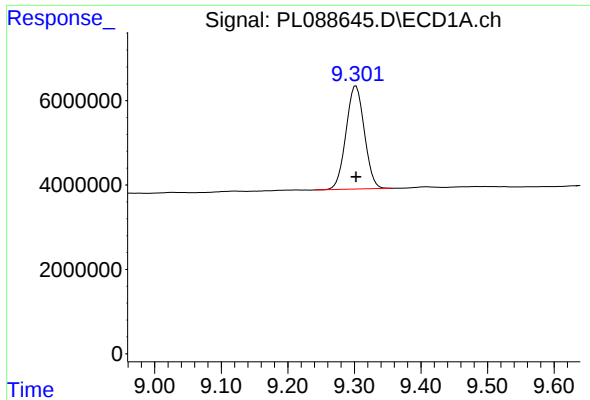
#22 Mirex

R.T.: 8.282 min
Delta R.T.: 0.000 min
Response: 114130776
Conc: 48.68 ng/ml



#22 Mirex

R.T.: 7.176 min
Delta R.T.: 0.000 min
Response: 63686741
Conc: 47.23 ng/ml



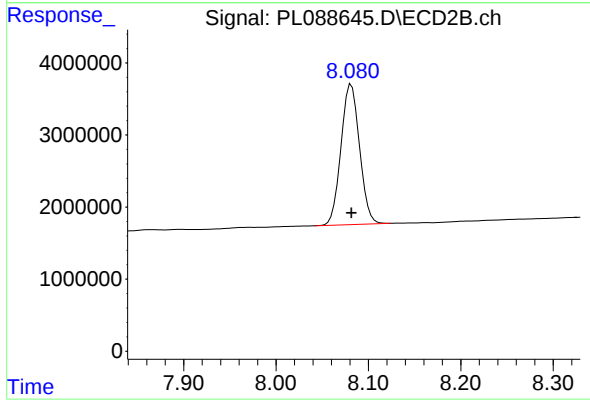
#28 Decachlorobiphenyl

R.T.: 9.302 min
Delta R.T.: 0.000 min
Response: 46804301
Conc: 18.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159611BSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/18/2024
Supervised By :Ankita Jodhani 03/18/2024



#28 Decachlorobiphenyl

R.T.: 8.082 min
Delta R.T.: 0.000 min
Response: 27238516
Conc: 20.09 ng/ml